

Miss Wiltjer's Newsletter

Geometry

End of September, 2012

THIS MONTH

This month in Geometry, students were diving right into the intricacies (and frustrations!) of proof-writing. We looked closely at what we learned in Chapter 2 in order to write proofs about statements made regarding angles and parallel lines. There are many interesting relationships that occur when two parallel lines are cut by a transversal. Your students explored these relationships using some very important theorems and postulates in Geometry.



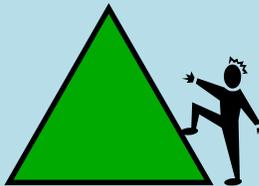
In addition, students spent an entire week perfecting their proof-writing skills. Students were asked to work on a proof-writing packet of 10 proofs regarding lines and angles. At the end of this week, students took a quiz on proof-writing in which they had the choice of completing one long proof of a theoretical situation or two short proofs of theorems. These quizzes will replace their lowest quiz score at this time.



Students have also started to look more closely at the daily TISK problems. TISK stands for "Things I Should Know". These 3 or 4 problems given to students at the beginning of class are meant to serve as reminders of important processes that some students have become weak in from Algebra or Pre-Algebra. As the students are expected to already know these things, they are also expected to discuss them as a group and notify the class if there is a problem they are struggling with completing.

NEXT MONTH

In October, after fall break, we will jump into the study of triangles. The first half of the chapter will focus on classifying and defining parts and types of triangles. The second half will focus on students writing proofs about triangles.



IDEAS FOR FALL BREAK

Are you looking for a way to keep your Geometry student busy intellectually over Fall Break? Have your

student look at the extra practice sections in the back of the Geometry book. These problems are mostly calculation-based questions that will keep the skills and ideas learned in chapters 1-3 fresh in their mind. There are also sections for Algebra review. Most students would be well-served with some review of their Algebra skills. Feel free to contact me for additional Algebra review worksheets if you're interested in having something quick for your student to do over the break.

WISH TO DONATE?

If you are looking to help by donating items to my class, I can use the following items:

- Fine-tipped Expo/Dry-Erase markers



- Rolls of Butcher Paper

